OIPE					ATTY. DOCKET NO. SERIAL NO.				
INFORMATION DISCLOSURE					A-63708-5/RFT/JJD 09/515,582				
INFORMATION DISCLOSURE CONTACTION OF TO-1449				APPLICANT BUELOW et al.	APPLICANT BUELOW et al.				
PTO-1449				FILING DATE February 29, 200	FILING DATE GROUP February 29, 2000 16357				
U.S. PATENT DOCUMENTS									
EXAMINER'S INITIALS		PATENT NO.	DATE		NAME	CLASS	SUBCLASS		FILING DATE
Je	1	4,829,984	5/1989	Gordon					
h	2	5,563,132	10/1996	Bodaness					
•					, , , , , , , , , , , , , , , , , , , 				
FOREIGN PATENT DOCUMENTS									
EXAMINER'S									Translation
INITIALS		PATENT NO.	DATE	(COUNTRY	CLASS	SUBCLASS	Yes	No
X	3 .	96/09038	3/28/96	wo					
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)									
K	4	Novogrodsky, A., et al, "Immune Stimulatory Properties of Metalloporphyrins," <i>The Journal of Immunology</i> , No. 143, 12:3981-3987 (1989)							
	5	Weiss, G., et al., "Comparative Effects of Heme and Metalloporphyrins on Interferons-γ-Mediated Pathways in Monocytic Cells (THP-1) (43561)," Proceedings of the Society for Experimental Biology and Medicine, 202, 4:470-475 (1993)							
	6	lyer, S., et al. "Characterization and Biological Significance of Immunosuppressive Peptide D2702.75-84 (E \rightarrow V) Binding Protein, <i>The Journal of Biological Chemistry</i> , No. 273, 5:2692-2697 (1998)							
	7,	Boasquevisque et al., "Ex Vivo Liposome-Mediated Gene Transfer to Lung Isografts," J. Thorac. Cardiovasc. Surg. 115(a):38-44 (1998).							
	8.7	Nakamura et al., "Early Biological Effect of In Vivo Gene Transfer of Platelet-Derived Growth Factor (PDGF) -B Into Healing Patellar Ligament," Gene Therapy, 5:1165-1170 (1998).							
	9 ,	Lee et al., "Isolated Lung Liposome-Mediated Gene Transfer Produces Organ-Specific Transgenic Expression," Ann. Thoracic. Surg. 66(3):903-907 (1998).							
	10 1	Templeton et al., "New Directions in Liposome Gene Delivery," Molec. Biol. 11(2):175-180 (April 1999).							
	11	Muruve et al., "Ex Vivo Adenovirus-Mediated Gene Delivery Leads to Long-Term Expression in Pancreatic Islet Transplants," Transplantation 64(3):542-546 (1997).							
	12∖								
	13,	Wang et al., "Adenovirus-Mediated Gene Transfer into Rat Cardiac Allografts," Transplantation, 61(12):1726-1729 (1996).							
je	14 ५	Brauner et al., J. "Intracoronary Adenovirus-Mediated Transfer of Immunosuppressive Cytokine Genes Prolongs Allograft Survival," Thorac. Cardiovasc. Surg. 114:923-933 (1977).							
EXAMINER	\mathcal{A}	Jan	P.	T T	DATE CONSIDERE		13/01		

EXAMINER: Initial if reference considered whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

8085 1449A.FRM (8/95)

O I P E			ATTY. DOCKET NO. A-63708-5/RFT/JJD	SERIAL NO. 09/515,582					
INFO	JKIVI	ATION DISCLOSURE	APPLICANT	/					
		CITATION OCT 1 6 2000	BUELOW et al.						
		PTO-1449	FILING DATE February 29, 2000	GROUP 163 \$ 2					
		OTHER DOCUMENTS (Including							
01/1	15	OTHER DOCUMENTS (Including							
2/14	ر 15ر	Abraham et al., "The Physiological Significance of Heme Oxygenase," Int. J. Biochem., 20(6):543-558 (1988).							
U	16%	Raju et al., "Coordinated Expression and Mechanism of Induction of HSP32 (heme oxygenase-1) mRNA by Hyperthermia in Rat Organs," <i>Biochimica et Biophysica Acta</i> , 1217:273-280 (1994).							
	17	Neil et al., "Modulation of Corneal Heme Oxygenase Expression by Oxidative Stress Agents," <i>Journal of Ocular Pharmacology and Therapeutics</i> 11(3):455-468 (1995).							
	18	Haga et al., "Unconjugated bilirubin inhibits in vitro major histocompatibility complex-unrestricted cytotoxicity of human lymphocytes," <i>Biochimica et Biophysica Acta</i> 1316:29-34 (1996).							
	19 _	Willis et al., "Heme oxygenase: A novel target for the modulation of the inflammatory response," Nature Medicine 2(1):87-90 (1996).							
	20′√	Agarwal et al., "Gas-Generating Systems in Acute Renal Allograft Rejection in the Rat," Transplantation 61:93-98 (1996).							
	21 .	Maines, "Zinc- Protoporphyrin is a Selective Inhibitor of Heme Oxygenase Activity in the Neonatal Rat," Biochimica et Biophysica Acta 673:339-350 (1981).							
	ر 22								
	ن 33	Tenhunen et al., "Microsomal Heme Oxygenase," <i>The Journal of Biological Chemistry</i> 244(23):6388-6394 (1969).							
	24.	Sinal et al., "Liver transplantation induces cytochrome P450 1A1dependent Monooxygenase activity in rat lung and kidney," Canadian Journal of Physiology and Pharmacology 73:146-152 (1995).							
	25.								
	26 ^	Dorland's Illustrated Medical Dictionary (W.B. Saunders & Co., Philadelphia, PA) 600 (1988).							
	27 د	Crystal, R.G. Science. 270:404-410 (1995).							
->	28	Ledley, F.D. Parmaceutical Review. 13:1595-1613 (1996).							
	29 🤏								
-	<u>3</u> 0	Eck et al. Chapter 5. Goodman and Gilaman's The Pharmacological Basis of Therapeutics. 9th Ed. McGraw Hill. 77-101 (1995).							
	31 [°]	Verma et al. Nature. 389:239-242 (1997).							
	32	Cuturi et al., "RDP1258, a New Rationally Designed Immunosuppressive Peptide, Prolong Allograft Survival in Rats: Analysis of Its Mechanism of Action," Molecular Medicine 5:820-832 (1999).							
11/	33⁄″								
EXAMINER S. Jan J. DATE CONSIDERED 3/12/01									

EXAMINER Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

8085 1449A.FRM (8/95)

INIE		IATION DISCLØSURE	ATTY. DOCKET NO. A-63708-5/RFT/JJD	SERIAL NO. 09/515,582				
IINF	JHIVI	CITATION DISCLOSURE CITATI	APPLICANT BUELOW et al.					
		PTO-1449	FILING DATE February 29, 2000	GROUP 163 5 7				
OTHER DOCUMENTS TMCluding Author, Title, Date, Pertinent Pages, Etc.)								
He	34,	Otterbein et al., "Carbon monoxide has anti-inflammatory effects involving the mitogen-activated protein kinase pathway," Nature Medicine, 6(4): 422-428 (2000).						
\ \	35	Woo et al., "Alleviation of graft-versus-host disease after conditioning with cobalt-protoporphyrin, and inducer of heme oxygenase-1," Transplantation, 69(4): 623-633 (2000).						
	36	DeBruyne et al., "Gene transfer of immunomodulatory peptides correlates with heme oxygenase-1 induction and enhanced Allograft survival," Transplantation, 69(1): 120-128 (2000).						
QX.	37	Amersi et al., "Upregulation of heme oxygenase-1 protects genetically fat Zucker rat livers from ischemia/reperfusion injury," The Journal of Clinical Investigation, 104(11): 1631-1639 (1999).						
<u> </u>								

		*1.		-				
				, , , , ,				
-		-		M-10-10-1				
EXAMINER DATE CONSIDERED 3/13/0/								

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

8085 1449A.FRM (8/95)